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NOTICE OF ALLOWANCE AND FEE(S) DUE

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02/24/2004

KNOBBE MARTENS OLSON & BEAR LLP 2040 MAIN STREET FOURTEENTH FLOOR IRVINE, CA 92614 EXAMINER LEWIS, MONICA

PAPER NUMBER

ART UNIT

DATE MAILED: 02/24/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/939,417	08/24/2001	Leonard Forbes	MICRON.154A / 00-0184	4204

TITLE OF INVENTION: FLOATING GATE TRANSISTOR WITH HORIZONTAL GATE LAYERS STACKED NEXT TO VERTICAL BODY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	05/24/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status.
 See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

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INSTRUCTIONS: This for appropriate. All further cor indicated unless corrected I maintenance fee notification	rm should be used for tran- respondence including the below or directed otherwise	smitting the ISSU Patent, advance or in Block 1, by (a	or I JE FEE and leaders and notical specifying a	_ `		red). Blocks 1 through 4 s vill be mailed to the current and/or (b) indicating a sepa	hould be completed where correspondence address as arate "FEE ADDRESS" for
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APPLICATION NO.	FILING DATE	I	FIRST NAME	D INVENTO	OR .	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/939,417 TITLE OF INVENTION: FI	08/24/2001 LOATING GATE TRANSI:	STOR WITH HOR	Leonard		ERS STACKED NE	MICRON.154A / 00-0184 XT TO VERTICAL BODY	4204
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3. ASSIGNEE NAME AND PLEASE NOTE: Unless been previously submitte (A) NAME OF ASSIGN.	an assignee is identified be d to the USPTO or is being	low, no assignee d submitted under se	ata will appea parate cover. (ar on the p Completio	atent. Inclusion of as	ssignee data is only appropric a substitute for filing an ass JNTRY)	ate when an assignment has ignment.
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Advance Order - # of	Copies		☐ The Direct	ctor is her	eby authorized by ch	arge the required fee(s), or	
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(Authorized Signature) (Date)							
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This collection of informa	tion is required by 37 CFR	1.311. The inform	nation is requ	ired to I			

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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2040 MAIN STRI	EET				
FOURTEENTH F	FLOOR		ART UNIT	PAPER NUMBER	
IRVINE, CA 926	14		2822		
			DATE MAILED: 02/24/200	4	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application No.	Applicant(s)
		FORDER LEGNARD
Notice of Allowability	09/939,417 Examiner	FORBES, LEONARD Art Unit
, and the second second	Lammor	741 5111
	Monica Lewis	2822
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication is search MPEP 1308.	n this application. If not included unication will be mailed in due course. THIS subject to withdrawal from issue at the initiative
2. The allowed claim(s) is/are <u>1-22</u> .		_
3. The drawings filed on <u>24 August 2001</u> are accepted by the	Examiner.	
4. Acknowledgment is made of a claim for foreign priority ur		or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:		
 Certified copies of the priority documents have 	been received.	•
Certified copies of the priority documents have	been received in Application	n No
Copies of the certified copies of the priority do	cuments have been received	d in this national stage application from the
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
5. Acknowledgment is made of a claim for domestic priority up reference was included in the first sentence of the specifical	ation or in an Application Da	ta Sheet. 37 CFR 1.78.
igsqcup (a) $igsqcup$ The translation of the foreign language provisional a		
6. Acknowledgment is made of a claim for domestic priority up in the first sentence of the specification or in an Application	nder 35 U.S.C. §§ 120 and/o Data Sheet. 37 CFR 1.78.	or 121 since a specific reference was included
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of	this communication to file a this application. THIS THR	reply complying with the requirements noted EE-MONTH PERIOD IS NOT EXTENDABLE
7. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXA es reason(s) why the oath o	AMINER'S AMENDMENT or NOTICE OF declaration is deficient.
 8. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No (b) including changes required by the proposed drawing composed changes required by the attached Examiner's 	on's Patent Drawing Review	h has been approved by the Examiner.
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
9. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT FOR T	sit of BIOLOGICAL MATI HE DEPOSIT OF BIOLOGI	ERIAL must be submitted. Note the CAL MATERIAL.
Attachment(s)		
1☐ Notice of References Cited (PTO-892)	5☐ Notice of Info	ormal Patent Application (PTO-152)
2☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6 ⊠ Interview Su	mmary (PTO-413), Paper No
3 Information Disclosure Statements (PTO-1449 or PTO/SB/08	^{3),} 7⊠ Examiner's A	mendment/Comment
Paper No 4☐ Examiner's Comment Regarding Requirement for Deposit	8□ Examiner's S	Statement of Reasons for Allowance
of Biological Material	9☐ Other	in the second
		Mary Wilczewski
		Primary Examiner

Application/Control Number: 09/939,417

Art Unit: 2822

EXAMINER'S AMENDMENT

1. Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given via telephone by Sharon S. Ng on January 21, 2004.

The application has been amended as follows:

In claim 9, line 9 after "body regions", --in either a horizontal direction or a vertical direction-- has been inserted.

In claim 20, line 16 after "floating gate", --in either a horizontal or vertical direction--has been inserted.

In specification page 15, line 7 after "dielectric 340", --wherein the portion of the control gate overlapping the floating gate does not overlap the body region in either the horizontal or a vertical direction.--has been inserted.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monica Lewis whose telephone number is 703-272-1838. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amir Zarabian can be reached on 703-272-1852. The fax phone number for the organization where this application or proceeding is assigned is 703-308-7722 for regular and after final communications. Any inquiry of a general nature or relating to the

Application/Control Number: 09/939,417

Art Unit: 2822

status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

ML

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January 21, 2004

Mary Wilczewski Primary Examiner